

My opposition to implementation of Broadband (Internet Service) over Power Line (BPL) is based on the following concerns:

1. Demonstrated interference to radio communications in the Medium Wave, Short Wave and VHF spectrum. This includes AM Broadcasting, Government, Military, Public Safety and Amateur Radio. BPL will destroy communications effectiveness for most of these users. Radio listeners in the US will experience electronic censorship unseen since the radio jammers of the old Soviet Union.
2. Potential Interference to BPL communications from authorized users of the radio spectrum. Short wave radio is inherently a long range communications medium and an interfering source hundreds or thousands of miles away can cause interfere by obscuring or disrupting data packets.
3. The loss of communications security which will result when transmitting data packets via unshielded wire with potential to radiate many miles.
4. The recently demonstrated (August 14-15, 2003) obsolete and problem plagued power transmission-distribution system in the United States. Do we really want the nation's internet communications to be dependant on this system?
5. Demonstrated problems encountered in Europe where BPL has been implemented and the wise rejection of BPL technology in both Japan and Norway.

The widespread availability of power lines, alone, does not make them ideal--or even suitable for--BPL communications. The nation would be better served by a power industry focused on generation and delivery of reliable electrical service. Internet communications would be better served by the continued installation and use of mediums better suited to this purpose, such as fiber optic cable.

As an individual, I am an investor in several power companies. Potentially I could benefit financially from the widespread implementation of BPL technology. However, this technology appears to have so few benefits and so many inherent problems that its implementation would be counterproductive. For the greater good, let's view BPL as an interesting experiment not to be considered further.